

	<p style="text-align: center;">State of Ohio Weatherization Program Standards</p>	Section	<b>DIAGNOSTIC TESTING METHODS</b>
		Subject	<b>Moisture Assessment</b>

### *MOISTURE ASSESSMENT 1506-9*

All homes should be checked for previous or existing moisture problems. The moisture assessment section of the Building Test Data Information Sheet must be filled out along with special attention to the following signs:

#### **detect moisture problems**

1506-9.1a

Evidence of condensation on windows and walls indicated by stains or mold.

#### **condensation**

1506-9.1b

Standing water, open sumps, open wells, dirt floors, water stains, etc. in basements. Also check to see if firewood is stored in the basement and whether laundry is hung to dry during the winter months.

#### **basement**

1506-9.1c

Leaking supply or waste pipes.

#### **leaky pipes** 1506-9.1d

Attic roof sheathing shows signs of mold or mildew as evidenced by dark staining on the sheathing.

#### **attic sheathing**

1506-9.1e

If existing moisture problems are found, no air sealing should be done unless the source of the moisture can be eliminated or effective mechanical ventilation can be added to cost-effectively remove the moisture. In some cases, air sealing must be done in order to reduce the source of the moisture (i.e. sealing off crawlspaces from the house, or sealing attic leakage to eliminate condensation on the roof deck).

#### **existing problems**

1506-9.2a

Because air tightening may cause an increase in relative humidity, consumer education should include information about moisture problems and possible solutions.

#### **consumer education**

1506-9.3a

In the course of weatherization, any low cost measures which help reduce the humidity levels in the house should be installed. Examples of these activities are venting dryers, venting existing bath or kitchen exhaust fans or installing a vapor retarder on dirt floors.

#### **reduce humidity**

1506-9.4a

Any major work needed for moisture control paid for with HWAP funds should be cleared with the Office of Energy Efficiency.

#### **major work**

1506-9.5a

**BTL**  
1506-9.6a

The minimum Building Tightness Limit (BTL) is no guarantee that moisture will not be a problem in that home.